

10/536,475

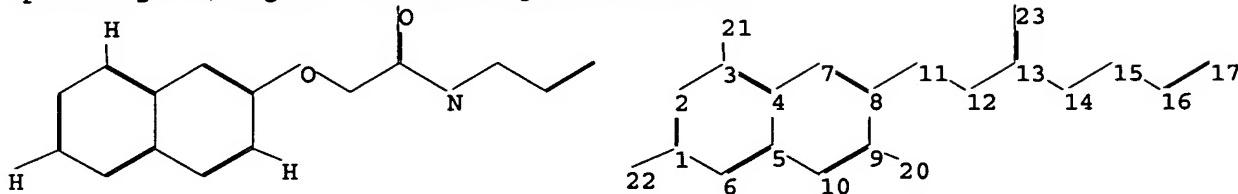
\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* STN Columbus \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:39:57 ON 09 MAR 2006

=> file reg

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Uploading C:\Program Files\Stnexp\Queries\5.str



chain nodes :

11 12 13 14 16 17 20 21 22 23

ring nodes :

1 2 3 4 5 6 7 8 9 10

ring/chain nodes :

15

chain bonds :

1-22 3-21 8-11 9-20 11-12 12-13 13-14 13-23 14-15 15-16 16-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10

exact/norm bonds :

8-11 11-12 13-14 13-23 14-15

exact bonds :

1-22 3-21 9-20 12-13 15-16 16-17

normalized bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10

isolated ring systems :

containing 1 :

G1:C,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

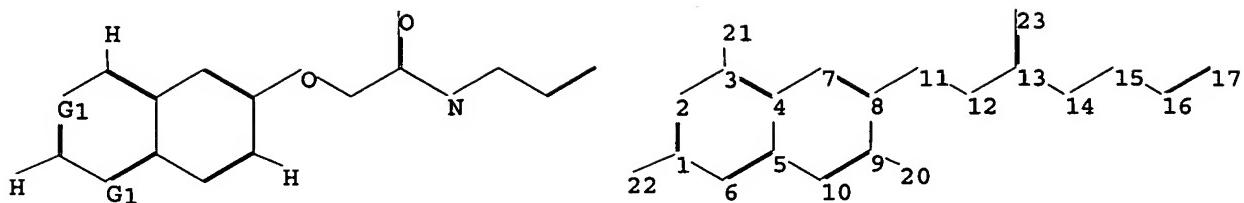
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 20:CLASS

21:CLASS 22:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=>

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chain nodes :
11 12 13 14 16 17 20 21 22 23
ring nodes :
1 2 3 4 5 6 7 8 9 10
ring/chain nodes :
15
chain bonds :
1-22 3-21 8-11 9-20 11-12 12-13 13-14 13-23 14-15 15-16 16-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10
exact/norm bonds :
1-2 1-6 1-22 2-3 3-4 3-21 4-5 4-7 5-6 5-10 7-8 8-9 8-11 9-10 9-20
11-12 12-13 13-14 13-23 14-15 15-16 16-17
isolated ring systems :
containing 1 :

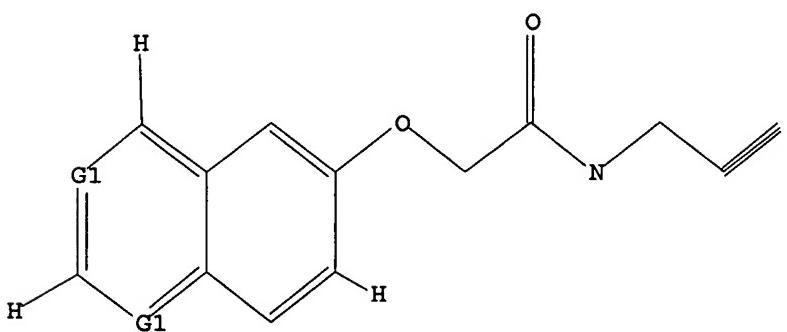
G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS

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L2 STRUCTURE UPLOADED

=> d 12  
L2 HAS NO ANSWERS  
L2 STR



G1 C,N

10/536,475

Structure attributes must be viewed using STN Express query preparation.

=> s 12 full  
L5 29 SEA SSS FUL L2

=> s 11 full  
L6 0 SEA SSS FUL L1

=> file ca

=> s 15  
L7 2 L5

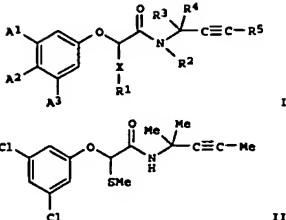
=> d ibib abs fhitstr 1-2

L7 ANSWER 1 OF 2 CA COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 142:55899 CA  
 TITLE: A preparation of [(hetero)aryloxy]acetic acid N-alkynyl-amide derivatives, useful as agrochemical fungicides  
 INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger; Segeot, Olivia  
 William Anabelle; Bacon, David Philip; Langford, David  
 PATENT ASSIGNEE(S): Syngenta Limited, UK  
 SOURCE: PCT Int. Appl., 131 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004108663	A1	20041216	WO 2004-GB2294	20040528
W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NL, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BM, GH, GA, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UD, ZR, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BB, BG, CH, CY, CZ, DE, DK, EE, ES, FI, PR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BP, BJ, CP, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
CA 2527313	AA	20041216	CA 2004-2527313	20040528
PRIORITY APPLN. INFO.:			GB 2003-12863	A 20030604
			WO 2004-GB2294	W 20040528

OTHER SOURCE(S): MARPAT 142:55899  
 GI

L7 ANSWER 1 OF 2 CA COPYRIGHT 2006 ACS on STN (Continued)



AB The invention relates to a preparation of [(hetero)aryloxy]acetic acid N-alkynyl-amide derive, of formula I (wherein, A1, A2, and A3 are independently selected from H, halogen, (halo)alkyl, (halo)alkenyl, or alkoxy, etc.; R1 is H or Et; R2 is H, alkyl, alkoxy(methyl), or benzyl(methyl), etc.; R3 and R4 are independently selected from H, alk(en)ynyl, or, together with the carbon atom to which they are attached may form 3-4-membered (hetero)cyclic ring, etc.; R5 is H, (cyclo)alkyl, Ph, or thiényl, etc.; X is SO(0-2), useful as agrochem. fungicides. For instance, phenoxymethylthioacetamide derivative II was prepared via

amidation of 2-methylthionaphthalene-3-(3,5-dichlorophenoxy)acetic acid by 4-amino-4-methylpent-2-yne hydrochloride. The prepared compound II gave at least 60%

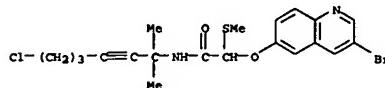
control of the following fungal infection at 200 ppm: *plasmopara viticola*, *phytophthora infestans*, and *erysiphe graminis f. sp. tritici*, etc.

IT 808755-71-7P  
 RU: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of [(hetero)aryloxy]acetic acid N-alkynyl-amide derivs.

useful as fungicides)

RN 808755-71-7 CA

CN Acetamide, 2-[(3-bromo-6-quinolinyl)oxy]-N-(6-chloro-1,1-dimethyl-2-hexynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

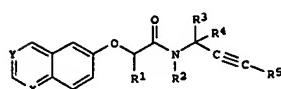
L7 ANSWER 1 OF 2 CA COPYRIGHT 2006 ACS on STN (Continued)  
 RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L7 ANSWER 2 OF 2 CA COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 141:2846 CA  
 TITLE: Preparation of quinoline-, isoquinoline-, and quinoxalinyl oxyalkylamides as fungicides  
 INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger  
 PATENT ASSIGNEE(S): Syngenta Limited, UK  
 SOURCE: PCT Int. Appl., 73 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

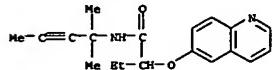
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004047538	A1	20040610	WO 2003-GB4631	20031027
W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UD, ZR, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, PR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BP, BJ, CP, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TZ				
CA 2502183	AA	20040610	CA 2003-2502183	20031027
AU 2003276400	A1	20040618	AU 2003-276400	20031027
EP 1567010	A1	20050831	EP 2003-811792	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, PI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016496	A	20051011	BR 2003-16496	20031027
JP 2006507339	T2	20060302	JP 2004-554637	20031027
US 2006019973	A1	20060126	US 2005-536475	20050525
PRIORITY APPLN. INFO.:			GB 2002-27555	A 20021126
			WO 2003-GB4631	W 20031027

OTHER SOURCE(S): MARPAT 141:2846  
 GI



AB The title compds. I (one of X and Y is N or N oxide and the other is CR or both of X and Y are N; Z = H, halo, (halo)alkyl, etc.; R1 = (un)substituted alkyl, alkenyl, alkynyl, etc.; R2 = H, alkyl, alkoxy(methyl) or (phenyl)benzyloxymethyl; R3, R4 = H alkyl, alkenyl or alkynyl; R3R4 = (un)substituted carbocycl, optionally containing O, S or N heteroatoms; R5 =

L7 ANSWER 2 OF 2 CA COPYRIGHT 2006 ACS on STN (Continued)  
H: (un)substituted (cyclo)alkyl, etc.) are prepd. as fungicides.  
IT 696609-21-9P  
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation as fungicide)  
RN 696609-21-9 CA  
CN Butanamide, N-(1,1-dimethyl-3-butynyl)-2-(6-quinolinyloxy)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/536,475

=> d his

(FILE 'HOME' ENTERED AT 10:39:57 ON 09 MAR 2006)

FILE 'REGISTRY' ENTERED AT 10:40:01 ON 09 MAR 2006

L1           STRUCTURE UPLOADED  
L2           STRUCTURE UPLOADED  
L3           0 S L2 SAM  
L4           0 S L1 SAM  
L5           29 S L2 FULL  
L6           0 S L1 FULL

FILE 'CA' ENTERED AT 10:40:46 ON 09 MAR 2006

L7           2 S L5

FILE 'MARPAT' ENTERED AT 10:41:10 ON 09 MAR 2006

L8           171 S L2 FULL

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

STN INTERNATIONAL LOGOFF AT 10:43:14 ON 09 MAR 2006